



**US Army Corps
of Engineers**
Omaha District

Structural Engineering

Our staff of nine structural engineers and two CADD technicians is experienced in providing services in the following areas.

Studies/Design

- Feasibility
- Facilities (administrative, maintenance, Recreation, hangars, treatment plants, Living quarters, family housing, dining, etc.)
- Bridges (highway & railroad)
- Gates/bulkheads
- Trashracks
- Rehabilitation
- Flood control structures
- Investigations
- Retaining structures
- Underground structures
- Dam & levee structures

Analysis

- Two- & three-dimensional frame and finite element
- Wind, seismic, gravity, & hydrodynamic
- Blast (static & dynamic)
- Stability & sliding
- Concrete, steel, & wood

Other Specialties

- Bridge inspections
- Dam inspections
- Weld inspections
- Bridge ratings

